



# STORMLITE®

## 16mm Multiwall Polycarbonate Hurricane Shutter



DIY



Fasteners you will need (sold separately)

Window channeling you will need (sold separately)

### Overview

The Stormlite Hurricane Shutter System is an ideal alternative to plywood for protection from hurricane damage because it features transparent SUNLITE polycarbonate, a highly impact-resistant protective panel. By using a transparent panel, the System can be installed well in advance of a storm, and can be left in place after it passes. Those who are inside can still see outside to get an idea of what the local weather is like, plus take advantage of natural daylight during power outages. The system is much lighter weight than plywood, plus it is easy to install and easy to store during the off season.

### Main Benefits

- 200 times stronger than glass
- 5 times lighter than plywood
- Impact resistant
- 80% light transmission for maximum light
- Virtually unbreakable
- Rigid and light weight
- 10 year warranty
- Easy to install and store off season
- Will not de-laminate, rot, or decay like plywood
- 100% UV protection—won't yellow or fade



### Typical Applications

- Protection for homes
- Commercial buildings
- Year-round protection

## STORMLITE®

MULTI-WALL POLYCARBONATE STORM SHUTTER

#### Code Approved:

Florida Building Code - FL 8947

Miami-Dade County - NOA # 17-0830.09



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## General Installation Overview

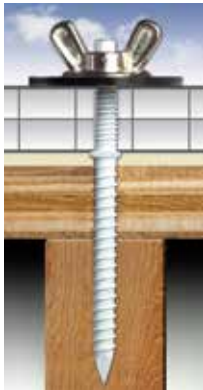
See booklet titled "STORMLITE Installation Guide" (Form #2412) for FBC-approved installation requirements and instructions. **Installations requiring Dade County approval require additional hardware.** See STORMLITE Installation Guide booklet or web site for more info.

## Determining Panel Size

STORMLITE Hurricane Shutter size should be at least 3" wider and longer per each side. Measure window and add at least 6" at width and 6" at length of the panel as total size. Calculate final total width and length of the shutter and cut the STORMLITE panel accordingly. Note: This system is not intended for window openings larger than 42" x 90".

## General Fastening Information

STORMLITE panels are fastened directly to the structure using the Panelmate fastening system. Panelmate screws are designed with a special hex-head on the end for easy installation.



Fastener placement and spacing is first laid out on the wall, making sure to align fasteners with framing members behind the outer wall. Fasteners should be spaced no further than 12" apart around the perimeter of the panel (see illustration at right). Fasteners placed in corners should be a minimum of 2" to a maximum of 6" from each edge of the corner of the panel.

With fastener placement marked on the wall, the sheet should then be positioned and held in place as the panel is marked to match the marks on the wall that indicate fastener spacing. This prepares the panel for pre-drilling. Remove the panel from the wall and drill a 3/8" hole at each fastener mark. Be sure the placement of the Panelmate fastener will be in the hollow flute area of the panel and not damage the interior flute walls (see illustration at left).

Panelmate screws should be installed in the wall using a hex-head socket and power screw gun. After all fasteners are in place, position the sheet onto the wall so that the Panelmate screws protrude through the pre-drilled holes in the panel. The panel is secured with an with a rubber bonded galvanized washer and 1/4" wing nut as shown.

## Identification of UV Protected Side

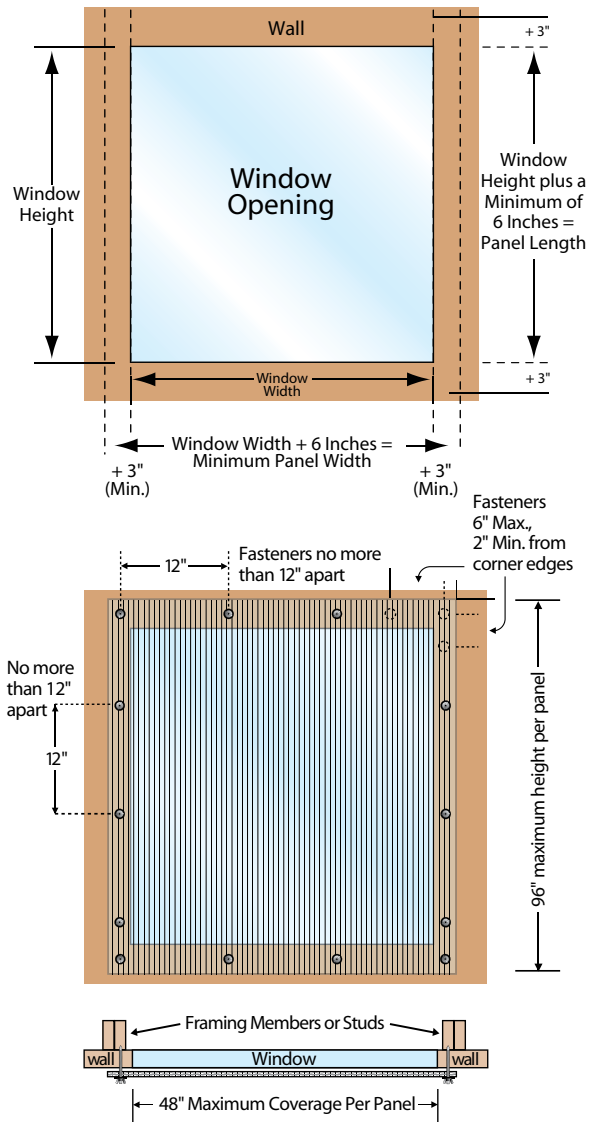
STORMLITE Sheets are UV-protected on one side only. A protective film on the panel indicates which is the UV protected side. Before removing the film, the installer should mark the panels to indicate which side faces out, and, if two or more windows are the same size, the location of the shutter on the house.

## Hardware

#	Part
1	Panelmate Screw <i>(size and type dependant on wall size)</i>
2	1" EPDM Backed Washer
3	1/4" Wingnut

## Tools Required

Power Drill/Screwdriver	3/8" Drill Bit	Measuring Tape
	3/16" Hex Nut Driver	



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